

**In the Claims**

Please amend the claims as follows:

1. (Currently Amended) A myostatin immunoconjugate consisting of a mature form of vertebrate myostatin polypeptide linked to a peptide useful for purification or identification and to a carrier, wherein the mature form of vertebrate myostatin optionally contains a peptide useful for purification or identification.
2. (Previously Presented) The immunoconjugate of claim 1 wherein the vertebrate myostatin is an avian myostatin polypeptide.
3. (Previously Presented) An immunoconjugate consisting of SEQ ID NO:2 linked to a carrier, and optionally containing a peptide useful for purification or identification.
4. (Cancelled).
5. (Original) The immunoconjugate of claim 1 wherein the carrier is keyhole limpet hemocyanin.
6. (Previously Presented) The immunoconjugate of claim 1 which consists of a fusion polypeptide of the peptide and mature form of vertebrate myostatin and the carrier.
7. (Currently Amended) A vaccine or immunogenic composition comprising the immunoconjugate of claim 1 or 3.
8. (Original) The vaccine or immunogenic composition of claim 7 which comprises a pharmaceutically acceptable excipient.
- 9-28. (Cancelled).

29. (Previously Presented) The immunoconjugate of claim 1 wherein the peptide is a His-tag.
30. (New) The immunoconjugate of claim 1 wherein the mature form of myostatin has SEQ ID NO:2.